

L19 ANSWER 1 OF 3 USPATFULL
AN 2002:344197 USPATFULL
TI Knit fabrics for use in industrially launderable garments and garments made therefrom
IN Hall, A. Steven, Spartanburg, SC, UNITED STATES
Stephens, Larry H., Spartanburg, SC, UNITED STATES
PI US 2002197926 A1 20021226
AI US 2002-213175 A1 20020806 (10)
RLI Continuation of Ser. No. US 2000-591664, filed on 9 Jun 2000, PENDING
DT Utility
FS APPLICATION
LN.CNT 735
INCL INCLM: 442/304.000
NCL NCLM: 442/304.000
IC [7]
ICM: D04B007-00
ICS: B32B027-12; D04B009-00; D04B021-00; D04B011-00; D04B001-00

L19 ANSWER 2 OF 3 USPATFULL
AN 2001:212254 USPATFULL
TI Mat and method of manufacturing a mat
IN Demott, Roy P., Spartanburg, SC, United States
Gillis, Kimberly C., Moore, SC, United States
Stringer, Ernest G., Spartanburg, SC, United States
Hedley, Terence M., Leighton Buzzard, Great Britain
PI US 2001044249 A1 20011122
AI US 2001-809664 A1 20010315 (9)
RLI Continuation-in-part of Ser. No. US 2000-527629, filed on 17 Mar 2000, PENDING
PRAI GB 2000-6377 20000317
GB 2000-19413 20000808
DT Utility
FS APPLICATION
LN.CNT 904
INCL INCLM: 442/304.000
INCLS: 428/085.000; 442/312.000
NCL NCLM: 442/304.000
NCLS: 428/085.000; 442/312.000
IC [7]
ICM: B32B033-00
ICS: B32B003-02; D04H011-00

L19 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS
AN 1992:42871 CAPLUS
DN 116:42871
TI Polyester fibers for paper manufacture
IN Horiuchi, Hajime; Okifushi, Shoji; Yuasa, Izumi; Akita, Satoshi
PA Kuraray Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 03180587	A2	19910806	JP 1989-321994	19891211
PRAI JP 1989-321994		19891211		

=> d his

(FILE 'HOME' ENTERED AT 15:20:21 ON 27 MAY 2003)

FILE 'REGISTRY' ENTERED AT 15:20:28 ON 27 MAY 2003

L1 8 S MILEASE
L2 3 S LUBRIL

FILE 'USPATFULL, CAPLUS, EUROPATFULL, JAPIO' ENTERED AT 15:27:12 ON 27
MAY 2003

L3 8 S 82852-78-6/RN
L4 4 S 82852-78-6
L5 10 S 82852-79-7
L6 8 S L3 OR L4
L7 20 S 82852-79-7/RN
L8 24 S L7 OR L3
L9 5 S 188832-24-8/RN
L10 0 S L9 AND L8

FILE 'REGISTRY' ENTERED AT 15:31:01 ON 27 MAY 2003

L11 1 S 188832-24-8/RN

FILE 'USPATFULL, CAPLUS, EUROPATFULL, JAPIO' ENTERED AT 15:34:08 ON 27
MAY 2003

L12 894 S ETHYOXYLAT?
L13 528993 S POLYESTER
L14 221253 S SULFONAT?
L15 0 S L12 (2A) L13
L16 78637 S ETHOXYLAT?
L17 381 S L16 (2A) L13
L18 3 S L16 (2A) L13 (2A) L14
L19 3 S L17 AND L18

L1 ANSWER 7 OF 8 REGISTRY COPYRIGHT 2003 ACS

RN 82852-78-6 REGISTRY

CN Milease HPA (9CI) (CA INDEX NAME)

ENTE A hydrophilic finishing agent for polyester textiles containing a polyester of ethylene glycol, polyethylene glycol, aromatic dicarboxylic acid and sulfonated aromatic dicarboxylic acid (ICI Americas, Inc.)

MF Unspecified

CI MAN

LC STN Files: CA, CAPLUS, PROMT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

4 REFERENCES IN FILE CA (1957 TO DATE)

4 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 115:138174 CA
TITLE: Application of a wettable surface to hydrophobic polyester and articles therefrom
INVENTOR(S): Meirowitz, Randy E.; Phelan, Robert J.
PATENT ASSIGNEE(S): Kimberly-Clark Corp., USA
SOURCE: Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
INT. PATENT CLASSIF.:
 MAIN: D06M010-10
 SECONDARY: C08J007-04; D06M015-507; D06M015-71; D04H001-42
 ADDITIONAL: A61F013-15
 INDEX: D06M101-32
CLASSIFICATION: 40-9 (Textiles and Fibers)
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 438114	A1	19910724	EP 1991-100406	19910115
EP 438114	B1	19950405		
R: BE, DE, FR, GB, IT, LU, NL				
US 5130073	A	19920714	US 1990-464800	19900116
CA 2019284	AA	19910716	CA 1990-2019284	19900619
CA 2019284	C	20011030		
AU 9169370	A1	19910718	AU 1991-69370	19910115
AU 633677	B2	19930204		
ZA 9100299	A	19911030	ZA 1991-299	19910115
BR 9100173	A	19911022	BR 1991-173	19910116
US 5175050	A	19921229	US 1992-858277	19920326
PRIORITY APPLN. INFO.:			US 1990-464800	19900116

ABSTRACT:

Wettable layers with good adhesion to substrate are prep'd. by contacting polyester, esp. fiber, with a copolymer soln. at a temp. above the polyester melt point. The copolymer soln. may be contacted with the polyester after extrusion. Thus, as they exit the extruder, melt blown PET fibers are sprayed with a 2% aq. soln. of Milease HPA or Milease T.

SUPPL. TERM: polyester fiber melt finishing; block copolymer finishing
melt fiber; wettable copolymer layer finishing fiber;
hydrophilic finish hydrophobic fiber

INDEX TERM: Polyester fibers, uses and miscellaneous

ROLE: USES (Uses)

(hydrophilic finishing agents for, block copolymers as)

INDEX TERM: Web materials

INDEX TERM: (polyester, finished with hydrophilic copolymer)
82852-78-6, Milease HPA 82852-79-7, Milease T
ROLE: USES (Uses)
(finishing agent, for PET fiber, for wettable surface)

REFERENCE 2

ACCESSION NUMBER: 110:40851 CA
TITLE: Articles containing fabric softener and soil release agent for treating fabrics in clothes dryer
INVENTOR(S): Trinh, Toan
PATENT ASSIGNEE(S): Procter and Gamble Co., USA
SOURCE: U.S., 20 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
INT. PATENT CLASSIF.:
MAIN: D06M013-30
US PATENT CLASSIF.: 252008600
CLASSIFICATION: 46-5 (Surface Active Agents and Detergents)
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4764289	A	19880816	US 1987-105760	19871005
CA 1331678	A1	19940830	CA 1988-578925	19880930
PRIORITY APPLN. INFO.:			US 1987-105760	19871005

ABSTRACT:
A compn. contg. a cationic and/or nonionic fabric softener and a high-melting anionic polymeric soil release agent (at least partially coated with nitrogenous polymer to inhibit interaction with softener) is deposited on a dispensing means such as a nonwoven fabric to prep. an article for imparting softness and soil release properties to laundered fabrics in an automatic dryer. A compn. contg. R2N+Me2 MeOSO3- (R = tallow alkyl) and poly(vinyl pyrrolidone)-coated Milease HPA powder was deposited on a nonwoven rayon fabric to prep. a fabric-conditioning article.

SUPPL. TERM: polyester soil release fabric; soil release treatment fabric; softener treatment fabric; dryer fabric softening soilproofing; quaternary ammonium softener fabric; ammonium softener fabric dryer; polyvinylpyrrolidone encapsulation soilproofing agent
INDEX TERM: Softening agents
(fabric conditioner contg. soil release agent and, for use in dryer)
INDEX TERM: Encapsulation
(of polymeric soil release agent, for compatibility with fabric softener)
INDEX TERM: Polyesters, uses and miscellaneous
ROLE: USES (Uses)
(soil release agents, fabric conditioners contg. softener and, for use in dryer)
INDEX TERM: Soilproofing
(agents, polymeric, fabric conditioner contg. softener and, for use in dryer)
INDEX TERM: Quaternary ammonium compounds, uses and miscellaneous
ROLE: USES (Uses)
(dimethylditallow alkyl, Me sulfates, softening agents, fabric conditioners contg. soil release agent and, for use in dryer)
INDEX TERM: Polyethers, uses and miscellaneous
ROLE: USES (Uses)

INDEX TERM: (polyester-, soil release agents, fabric conditioners
 contg. softener and, for use in dryer)
 Polyesters, uses and miscellaneous
 ROLE: USES (Uses)
 (polyether-, soil release agents, fabric conditioners
 contg. softener and, for use in dryer)
 INDEX TERM: 9022-20-2 40103-20-6D, Dimethylterephthalate-1,2-
 propanediol copolymer, esters with polyethylene glycol
 sulfoethyl ether 82852-78-6, Milease HPA 86714-02-5D,
 esters with dimethylterephthalate-propanediol copolymer
 118441-36-4 118441-37-5 118441-38-6 118441-39-7
 118441-40-0
 ROLE: USES (Uses)
 (soil-release agent, fabric treatment by softener and, in
 dryer)
 INDEX TERM: 9002-98-6, Polyethylenimine 9003-39-8,
 Poly(vinylpyrrolidone) 26913-06-4, Polyethylenimine, SRU
 118338-66-2
 ROLE: USES (Uses)
 (soil-release agents coated by, for compatibility with
 fabric softeners)

REFERENCE 3

ACCESSION NUMBER: 109:24421 CA
 TITLE: Papermakers fabric with encapsulated monofilament
 yarns
 INVENTOR(S): Fleischer, Thomas B.; Palmer, Walter M.
 PATENT ASSIGNEE(S): Huyck Corp., USA
 SOURCE: U.S., 7 pp. Cont. of U.S. Ser. No. 665,666, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 INT. PATENT CLASSIF.:
 MAIN: B01D039-08
 SECONDARY: B32B005-02; D03D015-00; D21F001-10
 US PATENT CLASSIF.: 428196000
 CLASSIFICATION: 43-10 (Cellulose, Lignin, Paper, and Other Wood
 Products)
 Section cross-reference(s): 40
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4731281	A	19880315	US 1986-834153	19860227
PRIORITY APPLN. INFO.:			US 1984-665666	19841029

ABSTRACT:
 Papermaker's fabric (wire cloth) with improved drainage and antisticking
 property are prep'd. from uniformly precoated monofilament yarns having
 different coating thickness in machine and cross machine direction. Thus, a
 0.41-mm PET monofilament yarn encapsulated with an aq. soln. of 3% fluorocarbon
 Zepel RN showed superior contamination resistance as compared to uncoated yarn.

SUPPL. TERM: papermaker fabric woven yarn coating; contamination
 resistant coating papermaker fabric; nonstick coating
 papermaker fabric; monofilament yarn coating wire cloth;
 plastic wire cloth yarn coating
 INDEX TERM: Paper
 (manuf. of, plastic wire cloths for, contg. coated
 monofilament yarns for improved sticking and
 contamination resistance)
 INDEX TERM: Polyester fibers, uses and miscellaneous

ROLE: USES (Uses)
(monofilament yarns, antistick-coated, plastic wire
cloths contg., with improved resistance to contamination)

INDEX TERM: Coating materials
(nonstick, for monofilament yarns, in manuf. of plastic
wire cloths for paper making, with improved contamination
resistance)

INDEX TERM: 78474-68-7, Zepel RN 82852-78-6, Milease HPA
115003-94-6, Milease F 31X 115165-94-1, Vitel VPE 4709A

ROLE: USES (Uses)
(monofilament yarns coated with, for paper-machine
plastic wire cloths for improved resistance to
contamination and stickiness)

REFERENCE 4

ACCESSION NUMBER: 97:111219 CA

TITLE: Hydrophilic finishes for polyester: durability and processing advantages

AUTHOR(S): Ferguson, Christopher A.

CORPORATE SOURCE: ICI Americas Inc., Wilmington, DE, USA

SOURCE: American Dyestuff Reporter (1982), 71(6), 43-7

CODEN: ADREAI; ISSN: 0002-8266

DOCUMENT TYPE: Journal

LANGUAGE: English

CLASSIFICATION: 40-9 (Textiles)

ABSTRACT:
The advantages of the hydrophilic finishing of polyester textiles is discussed with emphasis on the application of Milease T [82852-79-7] and Milease HPA [82852-78-6] to polyester and cotton-polyester fabrics.

SUPPL. TERM: hydrophilic finishing polyester textile; cotton polyester textile hydrophilic finishing; milease hydrophilic finishing, polyester textile

INDEX TERM: Polyester fibers, uses and miscellaneous

ROLE: USES (Uses)
(hydrophilic finishing of, by Milease T and Milease HPA)

INDEX TERM: Textiles
(cotton-polyester, hydrophilic finishing of, by Milease T and Milease HPA)

INDEX TERM: 82852-78-6 82852-79-7

ROLE: USES (Uses)
(hydrophilic finishing agents, for polyester textiles)

L2 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS
RN 188832-24-8 REGISTRY
CN Lubril QCX (9CI) (CA INDEX NAME)
ENTE An ethoxylated polyester soil release agent (Rhone-Poulenc)
MF Unspecified
CI PMS, MAN
PCT Manual registration
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

2 REFERENCES IN FILE CA (1957 TO DATE)
2 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 137:264467 CA
TITLE: Acrylic latex compositions as coatings for textile-elastomer composites exhibiting suppleness and appearance of genuine leather
INVENTOR(S): Vogt, Kirkland W.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 6 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
INT. PATENT CLASSIF.:
MAIN: B32B003-00
SECONDARY: B32B005-02; D03D015-00; B32B005-08; B32B027-02
US PATENT CLASSIF.: 442333000
CLASSIFICATION: 42-2 (Coatings, Inks, and Related Products)
Section cross-reference(s): 39, 40
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002142688	A1	20021003	US 2001-818246	20010327
WO 2002077090	A1	20021003	WO 2002-US2677	20020129
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2001-818246 20010327

ABSTRACT:

The compns. (L) comprise an anionically-stabilized waterborne acrylic latex (A), an acid-generating compd. (B), and a cloud-point surfactant (C), and the title composites are obtained by applying L onto a porous textile substrate (S), heating the coated fabric to cause coagulation of L over S and to dry the resultant composite without destroying the coagulated structure. Thus, coating a dyed and dried fabric of 100% cotton with a compn. comprising Hystretch V-60 (an A component) 100, Aptex Donor H-plus (a B component) 2, Cartafix U (a C component) 2, Alkasurf DAP 9 (surfactant) 3, and Lubril QCX (lubricating agent) 15 g and heating to 300.degree. F for 3 min gave a title composite having a supple drape and appearance.

SUPPL. TERM: textile elastomer composite acrylic latex coating compn;

INDEX TERM: cotton fabric acrylic coating genuine leather supple drape appearance

INDEX TERM: Acrylic rubber

ROLE: PEP (Physical, engineering or chemical process); POF (Polymer in formulation); PRP (Properties); PYP (Physical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)

(Hystretch V 29; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: Synthetic rubber, uses

ROLE: PEP (Physical, engineering or chemical process); POF (Polymer in formulation); PRP (Properties); PYP (Physical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)

(Hystretch V 60; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: Surfactants

(anionic; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: Textiles

(cotton-polyester; textile-elastomer composites coated with acrylic latex compns.)

INDEX TERM: Textiles

(cotton; textile-elastomer composites coated with acrylic latex compns.)

INDEX TERM: Textiles

(textile-elastomer composites coated with acrylic latex compns.)

INDEX TERM: Coating materials

(water-thinned; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: 111-55-7, Aptex Donor H-plus

ROLE: MOA (Modifier or additive use); USES (Uses)

(acid stabilizer; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: 57973-85-0, Cartafix U

ROLE: MOA (Modifier or additive use); USES (Uses)

(cloud-point surfactant; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: 188832-24-8, Lubril QCX

ROLE: MOA (Modifier or additive use); USES (Uses)

(lubricating agent; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: 384841-45-6, Alkasurf DAP 9

ROLE: MOA (Modifier or additive use); USES (Uses)

(surfactant; acrylic latex compns. as coatings for textile-elastomer composites)

REFERENCE 2

ACCESSION NUMBER: 126:265129 CA
TITLE: Lubricant and soil release finish and its application
on yarns
INVENTOR(S): Schuette, Robert Louis; Demott, Phillip; Taylor,
Derek; Lee, Angel
PATENT ASSIGNEE(S): Milliken Research Corp., USA; Schuette, Robert Louis;
Demott, Phillip; Taylor, Derek; Lee, Angel
SOURCE: PCT Int. Appl., 20 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
INT. PATENT CLASSIF.:
MAIN: C10M001-08

CLASSIFICATION: 40-9 (Textiles and Fibers)

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9708278	A1	19970306	WO 1996-US12758	19960823
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
US 5725951	A	19980310	US 1995-520059	19950828
AU 9668957	A1	19970319	AU 1996-68957	19960823
EP 793746	A1	19970910	EP 1996-929658	19960823
R: BE, CH, DE, ES, FR, GB, IT, LI				
BR 9607377	A	19980714	BR 1996-7377	19960823
US 5935484	A	19990810	US 1997-990404	19971215
PRIORITY APPLN. INFO.:				
US 1995-520059 19950828				
WO 1996-US12758 19960823				

ABSTRACT:

A yarn emulsion finish has a continuous aq. phase with a soil release agent and a discontinuous phase of a lubricating oil, providing a decrease in the amt. of lubricant required, combining/applying both finishes in a single step, and elimination of unnecessary process steps since the soil release agent is applied at ambient. A lubricant/soil release finish contg. 3.2% Lubril QCX, 20% Synlube 6340, and 76.8% water was applied (1%) onto polyester yarn and the yarn knitted into a sock showing soil release rating (AATCC 130-1977 using corn oil; 1 = worst; 5 = best) 4.5.

SUPPL. TERM: ethoxylated polyester soil release agent finish; ester lubricant finish polyester yarn; emulsion lubricant soil release polyester yarn

INDEX TERM: Fatty acids, uses
ROLE: TEM (Technical or engineered material use); USES (Uses)
(alkoxylated, lubricant; in lubricant and soil release finish for yarns)

INDEX TERM: Fabric finishing
(emulsion; lubricant and soil release finish for yarns)

INDEX TERM: Polyesters, processes
ROLE: MSC (Miscellaneous); PEP (Physical, engineering or chemical process); PROC (Process)
(fiber; lubricant and soil release finish for yarns)

INDEX TERM: Lubricants
Soilproofing agents
(in lubricant and soil release finish for yarns)

INDEX TERM: Yarns
(lubricant and soil release finish for yarns)

INDEX TERM: Polyamide fibers, processes
Polyester fibers, processes
Polyolefin fibers

ROLE: MSC (Miscellaneous); PEP (Physical, engineering or chemical process); PROC (Process)
(lubricant and soil release finish for yarns)

INDEX TERM: Esters, uses
ROLE: TEM (Technical or engineered material use); USES (Uses)
(lubricant; in lubricant and soil release finish for yarns)

INDEX TERM: Polyoxyalkylenes, uses
Polyoxyalkylenes, uses
ROLE: TEM (Technical or engineered material use); USES (Uses)

(polyamide-, soil release agent; in lubricant and soil
release finish for yarns)

INDEX TERM: Polyoxyalkylenes, uses

Polyoxyalkylenes, uses

ROLE: TEM (Technical or engineered material use); USES (Uses)
(polyester-, soil release agent; in lubricant and soil
release finish for yarns)

INDEX TERM: Polyamides, uses

Polyamides, uses

Polyesters, uses

Polyesters, uses

ROLE: TEM (Technical or engineered material use); USES (Uses)
(polyoxyalkylene-, soil release agent; in lubricant and
soil release finish for yarns)

INDEX TERM: 25038-59-9, processes

ROLE: MSC (Miscellaneous); PEP (Physical, engineering or
chemical process); PROC (Process)
(fiber; lubricant and soil release finish for yarns)

INDEX TERM: 188832-23-7, Lube Stat 5101 188832-24-8, Lubril QCX
188832-34-0, Synlube 6278 188832-35-1, Synlube 6340

ROLE: PRP (Properties); TEM (Technical or engineered material
use); USES (Uses)
(in lubricant and soil release finish for yarns)

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